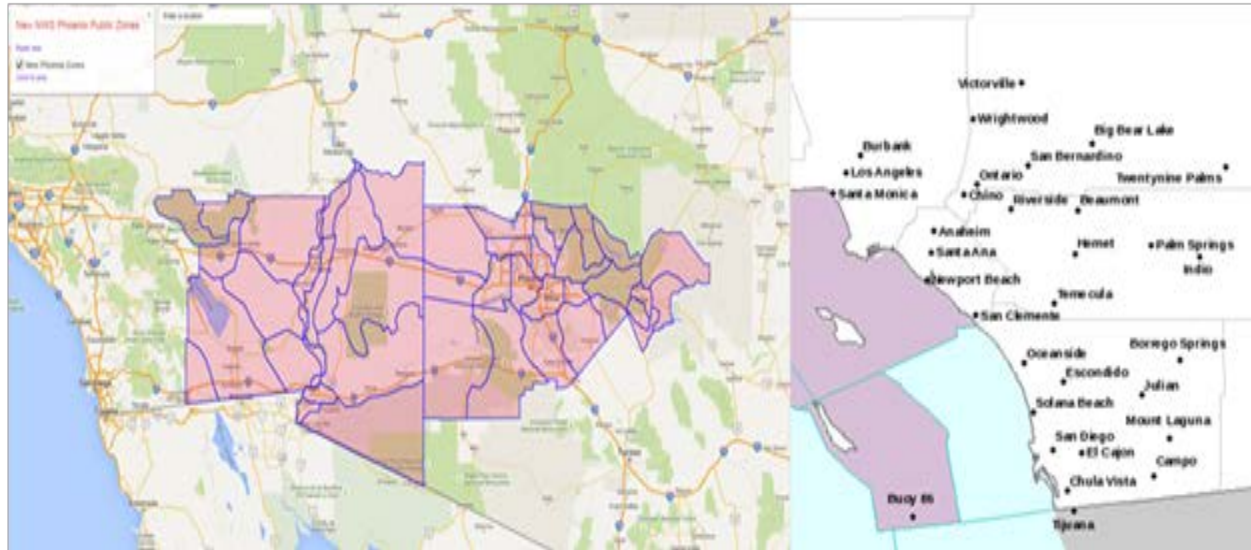


**Appendix A**  
**Public Notification that a potential event was occurring**  
**(40 CFR §50.14(c)(1))**

**FIGURE A-1**  
**NATIONAL WEATHER SERVICE PUBLIC ZONES**



**Fig A-1:** Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE A-2  
HIGH WINDS EXPECTED MAY 5

Very Warm Today
Wind, Dust Thursday
Fire Danger Thursday

**WINDY**
**...Windy Thursday...**
**WINDY**

WINDS

20-30 mph with gusts of 35-40 mph  
for South-Central & Southwest Arizona  
Thursday afternoon



National Weather Service  
Phoenix Arizona
 @NWSPhoenix
[Weather.gov/Phoenix](http://Weather.gov/Phoenix)



Image credit: Dann Niegocki via NWS Tucson

Impacts:

- \* Reduced visibilities due to areas of **blowing dust** across the deserts
- \* Strong Crosswinds on N-S roads
- \* If you encounter dense blowing dust while driving...

→ Pull Aside, Stay Alive!

Weather Forecast Office  
Phoenix, AZ

5/4/2016 5:33 am MST

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A dry cold front associated with a low pressure system will lead to strong winds Thursday afternoon. Strongest winds are expected to be east of the Lower Colorado River Valley with gusts of 35 to 40 mph. With the strong winds there will be patchy blowing dust causing locally reduced visibilities for motorists - especially over Pinal County. Cross-winds on north-south oriented roadways could make vehicle handling more difficult - especially for high profile vehicles. Be alert while traveling and if you encounter dense blowing dust remember: Pull Aside, Stay Alive!

**Fig. A-2:** A Weather Story issued on May 4 forecasted that a low pressure system and accompanying cold front would generate high winds from southeastern California to Tucson, Arizona. Source: NWS Phoenix office.

**FIGURE A-3**  
**WIND ADVISORY FOR SAN DIEGO COUNTY DESERTS**

URGENT - WEATHER MESSAGE...CORRECTED  
 NATIONAL WEATHER SERVICE SAN DIEGO CA  
 245 PM PDT WED MAY 4 2016  
 ...LOCALLY STRONG GUSTY WINDS LATE THURSDAY AFTERNOON AND THURSDAY NIGHT IN SOME MOUNTAIN AND DESERT LOCATIONS...  
 .A PACIFIC STORM SYSTEM WILL APPROACH THE REGION THURSDAY AND BRING A PERIOD OF STRONG GUSTY WINDS FROM THE MOUNTAIN CRESTS EAST INTO PARTS OF THE DESERTS. WINDS WILL BE STRONGEST IN RIVERSIDE AND SAN DIEGO COUNTIES. LOCAL GUSTS TO 60 MPH WILL BE POSSIBLE THROUGH SAN GORGONIO PASS AND THE EAST SLOPES OF THE RIVERSIDE AND SAN DIEGO COUNTY MOUNTAINS...INCLUDING THE DESERT FOOTHILLS. WINDS WILL BE SOMEWHAT LIGHTER FRIDAY AND OVER THE WEEKEND.  
 CAZ056-058-062-065-050945-  
 /O.COR.KSGX.WI.Y.0028.160505T2200Z-160506T1200Z/  
 RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-SAN GORGONIO PASS NEAR BANNING-  
 245 PM PDT WED MAY 4 2016  
 ...WIND ADVISORY IN EFFECT FROM 3 PM THURSDAY TO 5 AM PDT FRIDAY...  
 THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND ADVISORY...WHICH IS IN EFFECT FROM 3 PM THURSDAY TO 5 AM PDT FRIDAY.  
 \* WINDS...AREAS OF WEST WINDS 25 TO 35 MPH WITH GUSTS AROUND 50 MPH. LOCAL GUSTS TO 60 MPH.  
 \* TIMING...LATE THURSDAY AFTERNOON AND THURSDAY NIGHT.  
 \* LOCATION...MOUNTAIN CRESTS...DESERT MOUNTAIN SLOPES...DESERT FOOTHILLS AND SAN GORGONIO PASS.  
 \* VISIBILITY...LOCAL VISIBILITY REDUCTIONS IN BLOWING DUST AND SAND IN THE DESERTS.  
 \* IMPACTS...DRIVING OF HIGH PROFILE VEHICLES WILL BE DIFFICULT. SOME TREE BRANCHES COULD BREAK.

**Fig. A-3:** A Wind Advisory was issued as early as May 4 for the San Diego mountains and deserts. Blowing dust and sand was expected. The desert areas were immediately upstream of Imperial County. Source: Iowa Environmental Mesonet; <https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWSGX&e=201605042145>.

### FIGURE A-3 LOW PRESSURE SYSTEM APPROACHES REGION

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
2000 PM PDT WED MAY 4 2016  
.SYNOPSIS...

**A LOW PRESSURE SYSTEM WILL SLOWLY APPROACH FROM THE PACIFIC AND RESULT IN COOLER WEATHER THURSDAY WITH SOME DRIZZLE OR LIGHT SHOWERS POSSIBLE. MODERATELY STRONG WINDS WILL DEVELOP IN PARTS OF THE MOUNTAINS AND DESERTS THURSDAY AND THURSDAY NIGHT.** SHOWERS WILL OCCUR AT TIMES THURSDAY NIGHT THROUGH SUNDAY...WITH GREATEST CHANCES FRIDAY WHEN A FEW THUNDERSTORMS ARE POSSIBLE. TEMPERATURES WILL BE BELOW NORMAL THURSDAY THROUGH SUNDAY. FAIR AND WARM WEATHER WILL RETURN NEXT WEEK AS HIGH PRESSURE MOVES OVER THE WEST COAST.

DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

LOW CLOUDS ONLY PARTIALLY CLEARED THE COAST...BUT SKIES WERE MOSTLY CLEAR INLAND. DUE TO THE MARINE LAYER...IT WAS MUCH COOLER WEST OF THE MOUNTAINS...AS MUCH AS 15-20 DEG F LOWER IN PARTS OF THE INLAND EMPIRE VERSUS 24 HOURS AGO...BUT SINCE THE PROFILE ABOVE THE MARINE LAYER HAS NOT YET COOLED...THE DESERTS AND MOST MOUNTAIN AREAS HAD SIMILAR TEMPS TODAY VERSUS TUESDAY...AS HIGH AS 98 AT THERMAL. THE UPPER LOW IS NOW AROUND 33N/127W...AROUND 600 MI TO OUR WEST. THE MODELS CONTINUE TO BE CONSISTENT WITH THE LOW...MOVING OVER FAR SOUTHERN CALIFORNIA LATE FRIDAY. RIGHT NOW...THE MARINE LAYER LOOKS marginally deep for precip THU MORNING...SO MOST LIKELY DRIZZLE WILL OCCUR FROM THE COASTAL MOUNTAIN SLOPES WEST TO THE COAST. THE ONSHORE FLOW AND FURTHER DEEPENING OF THE MOIST LAYER WILL RESULT IN SOME RAIN THURSDAY NIGHT/FRIDAY MORNING...WITH A TRANSITION TOWARDS CONVECTIVE SHOWERS/ISOLATED THUNDERSTORMS DURING THE DAY FRIDAY AS THE COLD CORE MOVES OVER...WITH -22 C AT 500 MB. BEST CHANCES WILL BE OVER THE MOUNTAINS DUE TO THE HIGH SUN ANGLE...THOUGH DYNAMICS COULD COMBINE WITH SOME INSTABILITY ALOFT TO BRING A FEW TSTORMS FRI MORNING. THERE IS A RISK OF HAIL FRIDAY...MOSTLY 1/2 INCH OR LESS...BUT UPPER LOWS IN MAY IN SOUTHERN CALIFORNIA CAN PRODUCE LARGE HAIL. NEAR SATURATION OCCURS UP TO AROUND 600 MB FRIDAY...WHICH IS GOOD FOR PRECIP. THE LOW WILL MOVE TO THE NORTHEAST SAT/SUN...BUT ENOUGH MOISTURE AND SOME INSTABILITY WILL KEEP THE CHANCE OF SHOWERS SAT...AND A SLIGHT CHANCE SUNDAY. AFTER FRIDAY...MOST OF THE ACTIVITY WILL BE INLAND...CLOSER TO THE LOW...AND WITH BETTER INSTABILITY AIDED BY THAT SUN ANGLE. OVERALL...PRECIP AMOUNTS SHOULD BE 1/4 TO 1/2 INCH...WITH LOCAL AMOUNTS OVER 1 INCH IN THE MOUNTAINS FROM THURSDAY NIGHT THROUGH SUNDAY. SOME WIND WILL OCCUR THU/THU NIGHT IN THE MOUNTAINS/DESERTS...WITH ISOLATED GUSTS TO NEAR 60 MPH ON THE DESERT SLOPES...WHEN SOME TEMPERATURE GRADIENTS WILL STILL BE IN PLACE...BUT AFTER THAT...WINDS WILL BE SOMEWHAT LIGHTER AS THE CLOSED LOW WILL RESULT IN WEAKER GRADIENTS. A WIND ADVISORY WILL BE ISSUED FOR SOME MOUNTAIN/DESERT LOCATIONS 3 PM FRIDAY-5 AM SATURDAY. SNOW LEVELS WILL MOSTLY BE AROUND 7000 FEET...WITH SEVERAL INCHES OF SNOW POSSIBLE AT HIGHEST ELEVATIONS. HIGH PRESSURE ALOFT WILL BRING FAIR AND WARMER WEATHER EXCEPT FOR SOME NIGHT/MORNING COASTAL STRATUS EARLY NEXT WEEK.

**Fig. A-3:** An Area Forecast Discussion issued on May 4 by the San Diego NWS office forecasted the approaching low that would bring gusty winds to the mountains and deserts of southeastern California. Source: Iowa Environmental Mesonet; <https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDSGX&e=201605042100>.

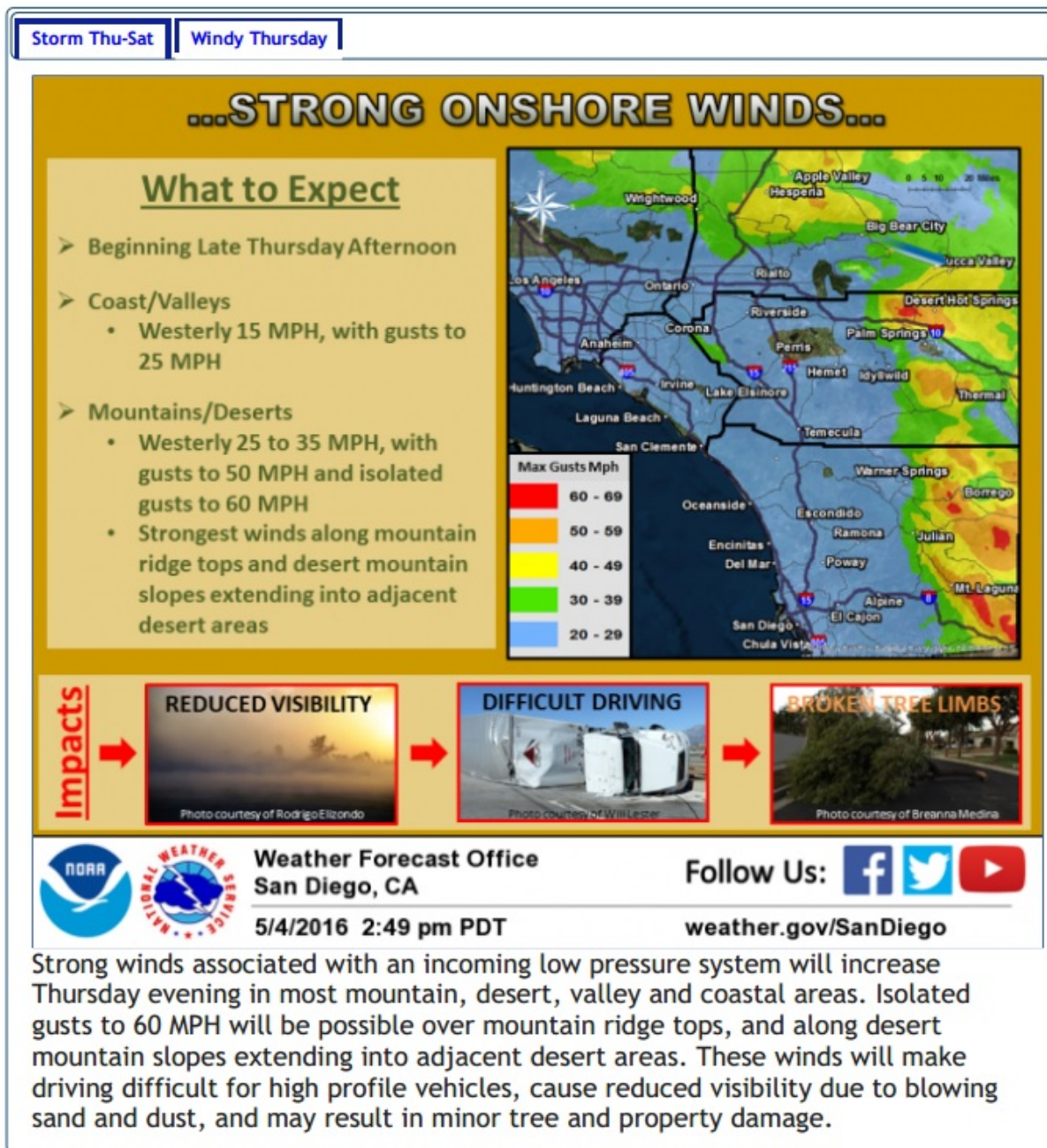
**FIGURE A-4**  
**WIND ADVISORY IN EFFECT FOR SAN DIEGO DESERT MOUNTAIN SLOPES**

URGENT - WEATHER MESSAGE...CORRECTED  
 NATIONAL WEATHER SERVICE SAN DIEGO CA  
 245 PM PDT WED MAY 4 2016  
 ...LOCALLY STRONG GUSTY WINDS LATE THURSDAY AFTERNOON AND THURSDAY NIGHT IN SOME MOUNTAIN AND DESERT LOCATIONS...  
**A PACIFIC STORM SYSTEM WILL APPROACH THE REGION THURSDAY AND BRING A PERIOD OF STRONG GUSTY WINDS FROM THE MOUNTAIN CRESTS EAST INTO PARTS OF THE DESERTS.** WINDS WILL BE STRONGEST IN RIVERSIDE AND SAN DIEGO COUNTIES. LOCAL GUSTS TO 60 MPH WILL BE POSSIBLE THROUGH SAN GORGONIO PASS AND THE EAST SLOPES OF THE RIVERSIDE AND SAN DIEGO COUNTY MOUNTAINS...INCLUDING THE DESERT FOOTHILLS. WINDS WILL BE SOMEWHAT LIGHTER FRIDAY AND OVER THE WEEKEND.  
 CAZ056-058-062-065-050945-  
 /O.COR.KSGX.WI.Y.0028.160505T2200Z-160506T1200Z/  
 RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-SAN GORGONIO PASS NEAR BANNING-  
 245 PM PDT WED MAY 4 2016  
**...WIND ADVISORY IN EFFECT FROM 3 PM THURSDAY TO 5 AM PDT FRIDAY...**  
 THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND ADVISORY...WHICH IS IN EFFECT FROM 3 PM THURSDAY TO 5 AM PDT FRIDAY.  
 \* **WINDS...AREAS OF WEST WINDS 25 TO 35 MPH WITH GUSTS AROUND 50 MPH. LOCAL GUSTS TO 60 MPH.**  
 \* TIMING...LATE THURSDAY AFTERNOON AND THURSDAY NIGHT.  
 \* LOCATION...MOUNTAIN CRESTS...**DESERT MOUNTAIN SLOPES**...DESERT FOOTHILLS AND SAN GORGONIO PASS.  
 \* VISIBILITY...**LOCAL VISIBILITY REDUCTIONS IN BLOWING DUST AND SAND IN THE DESERTS.**  
 \* IMPACTS...DRIVING OF HIGH PROFILE VEHICLES WILL BE DIFFICULT. SOME TREE BRANCHES COULD BREAK.  
 \* OUTLOOK...WINDS WILL BE SOMEWHAT LIGHTER FRIDAY AND OVER THE WEEKEND.  
 PRECAUTIONARY/PREPAREDNESS ACTIONS...  
 A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

**Fig. A-4:** A Wind Advisory was issued on May 4 for the desert mountain slopes. This area was upstream of the Imperial County during the May 5 wind event. Source: Iowa Environmental Mesonet;  
<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWSGX&e=201605042145>



FIGURE A-5  
HIGH WINDS EXPECTED ON DESERT SLOPES – MAY 4



**Fig. A-5:** A Weather Story issued on May 4 forecasted that a low pressure would bring high winds up to 60 mph along desert slopes. This area was upstream of the Imperial County during the May 5 wind event. Source: NWS Phoenix office.

**FIGURE A-6**  
**BLOWING DUST FORECAST FOR IMPERIAL COUNTY MAY 5**

CAZ033-051100-  
 IMPERIAL COUNTY-  
 INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...  
 IMPERIAL...THE SALTON SEA  
 821 PM PDT WED MAY 4 2016  
 .TONIGHT...PARTLY CLOUDY AND BREEZY. LOWS 59 TO 69. WEST WIND 15 TO 25 MPH.  
 .THURSDAY...MOSTLY SUNNY AND WINDY. PATCHY BLOWING DUST IN THE AFTERNOON. NOT AS WARM. HIGHS 81 TO 86. WEST WIND 10 TO 15 MPH IN THE MORNING INCREASING TO 20 TO 30 MPH IN THE AFTERNOON. GUSTS UP TO 40 MPH IN THE AFTERNOON.  
 .THURSDAY NIGHT...MOSTLY CLEAR AND WINDY. PATCHY BLOWING DUST IN THE EVENING. COOLER. LOWS 52 TO 62. WEST WIND 20 TO 30 MPH. GUSTS UP TO 45 MPH IN THE EVENING DECREASING TO 35 MPH AFTER MIDNIGHT.  
 .FRIDAY...PARTLY CLOUDY. A SLIGHT CHANCE OF AFTERNOON SHOWERS AND THUNDERSTORMS. BREEZY AND COOLER. HIGHS 73 TO 78. WEST WIND 5 TO 15 MPH IN THE MORNING BECOMING SOUTHWEST 15 TO 25 MPH IN THE AFTERNOON. CHANCE OF MEASURABLE RAIN 20 PERCENT.  
 .FRIDAY NIGHT...PARTLY CLOUDY. A SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS IN THE EVENING...THEN A SLIGHT CHANCE OF SHOWERS AFTER MIDNIGHT. BREEZY. LOWS 51 TO 61. WEST WIND 15 TO 25 MPH. CHANCE OF .  
 .SATURDAY...PARTLY SUNNY. HIGHS 75 TO 80.  
 .SATURDAY NIGHT...PARTLY CLOUDY. LOWS IN THE LOWER 50S TO LOWER 60S.  
 .SUNDAY...PARTLY SUNNY. HIGHS IN THE UPPER 70S TO MID 80S.  
 .SUNDAY NIGHT...MOSTLY CLEAR. LOWS IN THE LOWER 50S TO LOWER 60S.  
 .MONDAY...SUNNY AND WARMER. HIGHS IN THE MID TO UPPER 80S.  
 .MONDAY NIGHT...CLEAR. LOWS IN THE MID 50S TO MID 60S.  
 .TUESDAY...SUNNY. HIGHS IN THE UPPER 80S TO LOWER 90S.  
 .TUESDAY NIGHT...CLEAR. LOWS IN THE UPPER 50S TO UPPER 60S.  
 .WEDNESDAY...MOSTLY SUNNY. HIGHS IN THE LOWER TO MID 90S.

**Fig. A-6:** A Zone Forecast issued for Imperial County on May 4 called for blowing dust due to gusty winds on Thursday, May 5. Source: Iowa Environmental Mesonet.

**FIGURE A-7**  
**HIGH WINDS, BLOWING DUST EXPECTED MAY 5**

AFDPSR  
AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
840 PM MST WED MAY 4 2016  
.SYNOPSIS...  
**A SLOW MOVING LOW PRESSURE SYSTEM WILL MOVE INTO THE SOUTHWEST DURING THE REMAINDER OF THE WEEK YIELDING MUCH COOLER WEATHER. AFTERNOON HIGHS IN THE MIDDLE 70S TO LOWER 80S WILL BE COMMON THROUGH THE WEEKEND. BREEZY CONDITIONS WILL ALSO PREVAIL THURSDAY AND FRIDAY WITH LOCALIZED BLOWING DUST.** ALONG WITH THE COOLER TEMPERATURES...THERE WILL ALSO BE CHANCES FOR LIGHT RAIN LATE FRIDAY AND SATURDAY ALONG WITH A SLIGHT CHANCE OF THUNDERSTORMS.  
DISCUSSION...  
**...THE GREATEST IMPACTS THURSDAY WILL RESULT FROM INCREASED WIND GUSTS ALONG A TIGHTENED H8 GRADIENT/FRONTAL BOUNDARY.** A NARROW CORRIDOR OF SOUTHERLY GUSTS 30-35 MPH WILL BE POSSIBLE FOR A SHORT PERIOD LATE THURSDAY AFTERNOON ACROSS CNTRL/WRN ARIZONA WITH THE USUAL BLOWING DUST LOCATIONS EXPERIENCING SOME REDUCED VISIBILITIES.  
**MAY NEED SOME LOCAL DUST ADVISORIES ONCE STRONGER WINDS ARE MANIFESTED**...BUT AT THIS POINT WIND SPEEDS ONLY FLIRT WITH WIND ADVISORY CRITERIA. THE LARGEST IMPACT WILL LIKELY BE FIRE WEATHER CONCERNS AS HUMIDITY VALUES FALL TOWARDS SINGLE DIGITS WITH FUELS CONTINUING TO DRY..  
  
AVIATION...  
**SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...** BREEZY WINDS WILL DECREASE REST OF TONIGHT...FAVORING THE WEST AT KIPL AND THE SOUTHWEST AT KBLH...WITH SPEEDS MOSTLY BELOW 12KT. **ON THURSDAY EXPECT WINDS TO INCREASE AGAIN...**FAVORING THE SOUTH TO SOUTHWEST AT BOTH TAF SITES...**WITH GUSTS IN EXCESS OF 25KT POSSIBLE AFTER 20Z THURSDAY AFTERNOON.** ATTM DO NOT EXPECT ANY SIGNIFICANT BLOWING DUST OR RESTRICTED VISIBILITIES AT THE TAF SITES THROUGH THURSDAY EVENING. OTHERWISE NO CLOUDS OF CONSEQUENCE...JUST SOME HIGH LEVEL DECKS AT TIMES.  
AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

**Fig. A-7:** This excerpt from an Area Forecast Discussion issued by the NWS Phoenix office at 8:40 p.m. on Wednesday, May 4, forecasted strong winds and the possibility of blowing dust. Source: Iowa Environmental Mesonet.



**FIGURE A-8**  
**WIND ADVISORY IN EFFECT FOR IMPERIAL COUNTY**

The screenshot shows the National Weather Service Phoenix, AZ website. The header includes the NOAA logo, the text "National Weather Service Forecast Office Phoenix, AZ", and a search bar. Below the header, there are links for "Home", "News", "Organization", and "FAQ". A "Share" button and a "Search" input field are also present. On the left side, there are links for "Get Local Forecast for:", "Enter location", "Search Help", and social media icons for Facebook, Twitter, and YouTube. Below these are links for "XML" and "RSS Feeds". The main content area is titled "Wind Advisory" and contains the following text:

**URGENT - WEATHER MESSAGE**  
**NATIONAL WEATHER SERVICE PHOENIX AZ**  
**225 AM MST THU MAY 5 2016**

CAZ033-052130-  
 /O.NEW.KPSR.WI.Y.0010.160505T2300Z-160506T0500Z/  
 IMPERIAL COUNTY-  
 INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO..  
 GLAMIS...IMPERIAL...THE SALTON SEA  
 225 AM PDT THU MAY 5 2016

...WIND ADVISORY IN EFFECT FROM 4 PM THIS AFTERNOON TO 10 PM PDT  
 THIS EVENING..

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND  
 ADVISORY...WHICH IS IN EFFECT FROM 4 PM THIS AFTERNOON TO 10 PM  
 PDT THIS EVENING.

\* AFFECTED AREA...IMPERIAL COUNTY...ESPECIALLY WESTERN PORTIONS.

\* TIMING...LATE THIS AFTERNOON THROUGH THIS EVENING.

\* WINDS...SUSTAINED WEST WINDS 25-30 MPH WITH GUSTS TO 40  
 MPH...HIGHER NEAR THE SAN DIEGO COUNTY BORDER.

\* IMPACTS...HAZARDOUS DRIVING CONDITIONS DUE TO AREAS OF REDUCED  
 VISIBILITY IN BLOWING DUST AND SAND. ALSO...MORE DIFFICULT VEHICLE  
 HANDLING DUE TO STRONG CROSS-WINDS ON NORTH-SOUTH  
 ROADS...ESPECIALLY FOR HIGH PROFILE VEHICLES. AFFECTED ROADWAYS  
 INCLUDE INTERSTATE 8...HIGHWAY 78. ..HIGHWAY 86. ..AND HIGHWAY 111.

PRECAUTIONARY/PREPAREDNESS ACTIONS..

IF YOU ENCOUNTER DENSE BLOWING DUST OR SAND...PULL OFF THE ROADWAY AS  
 FAR AS POSSIBLE AND PARK. TURN OFF THE VEHICLE AND ALL LIGHTS...AND  
 KEEP YOUR FOOT OFF THE BRAKE PEDAL.

**Fig. A-8:** At 2:25 a.m. on May 5 a Wind Advisory was issued for Imperial County. Winds of 25 to 30 mph were expected with gusts up to 40 mph, and higher near the San Diego County border. Source: NWS Phoenix.

**FIGURE A-9**  
**LOW PRESSURE SYTEM BRINGS GUSTY WINDS**

AFDSGX  
AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
245 AM PDT THU MAY 5 2016  
.SYNOPSIS...  
A LOW PRESSURE SYSTEM WILL ARRIVE IN SOUTHERN CALIFORNIA TODAY  
AND MOVE SLOWLY THROUGH THE REGION FRIDAY THROUGH THE WEEKEND.  
IT WILL BRING COOL AND CLOUDY WEATHER WITH SHOWERS AND BRISK  
WINDS THIS AFTERNOON AND EVENING. THE GREATEST CHANCE OF SHOWERS  
WILL BE TONIGHT AND FRIDAY...WITH A FEW THUNDERSTORMS POSSIBLE.  
FAIR AND WARMER WEATHER WILL RETURN NEXT WEEK AS HIGH PRESSURE  
MOVES OVER THE WEST COAST.  
&&  
.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...  
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO  
COUNTIES...  
MARINE LAYER CLOUDS HAVE DEVELOPED RAPIDLY TO FILL THE ENTIRE  
COASTAL BASIN THIS MORNING...AND THIS COULD PRODUCE SOME DRIZZLE.  
A LOW PRESSURE TROUGH WILL MOVE INTO SOUTHERN CALIFORNIA TODAY.  
WINDS WILL DEVELOP IN PORTIONS OF THE MOUNTAINS AND DESERTS THIS  
AFTERNOON THROUGH TONIGHT. SOME GUSTS WILL TOP 50 MPH. THE CHANCE  
OF SHOWERS WILL GRADUALLY INCREASE THIS AFTERNOON AND  
EVENING...AND BECOME LIKELY TONIGHT THROUGH FRIDAY. LATEST MODELS  
INDICATE ENOUGH INSTABILITY FOR A SLIGHT CHANCE OF THUNDERSTORMS  
THIS EVENING THROUGH FRIDAY AS WELL...BUT THE GREATEST CHANCE WILL  
MIGRATE INLAND DURING THE DAY FRIDAY. THE LOW PRESSURE SYSTEM VERY  
SLOWLY MOVES EAST OVER THE WEEKEND AND ENOUGH MOISTURE KEEPS  
SWIRLING AROUND THE LOW TO KEEP SHOWERS IN THE FORECAST THROUGH  
SUNDAY...ALTHOUGH LESS CHANCE THAN ON FRIDAY. RAINFALL AMOUNTS  
WILL RANGE FROM A FEW HUNDREDTHS IN THE LOW DESERT...TWO TENTHS TO  
A HALF INCH IN COASTS AND VALLEYS...AND A HALF TO AN INCH OR SO IN  
THE MOUNTAINS. THE SHOWERY NATURE WILL MAKE THE RAINFALL  
DISTRIBUTION QUITE RANDOM AND VARIABLE. SNOW WILL STAY ABOVE  
6500 FEET...BUT SEVERAL INCHES COULD ACCUMULATE ON THE HIGHEST  
PEAKS. THE SYSTEM FINALLY DEPARTS EAST LATE SUNDAY. HIGH PRESSURE  
ALOFT BUILDS ALONG THE WEST COAST TO BRING FAIR AND WARMER  
WEATHER MONDAY THROUGH AT LEAST WEDNESDAY. A SHALLOW MARINE LAYER  
IS EXPECTED TO PROVIDE COASTAL CLOUDS NIGHTS AND MORNINGS.

**Fig. A-9:** The San Diego NWS office forecasted the low pressure system would bring gusty winds to the mountains and deserts. Source: NWS San Diego.

**Windy Today**

# ...Windy Today...

## ...Chance of Showers & Tstms Friday Aftn/Night...



*Image credit: Dann Niegocki via NWS Tucson*

**20-30 mph, with gusts of 35-40 mph  
Deserts & Mountains of Southwest  
and South-Central Arizona Today.  
Blowing Dust Possible**

**Red Flag Warning – High Fire  
Danger Today** 

A massive Pacific Low pressure system will move into the region Friday and Saturday. The best chance for showers and thunderstorm is late Friday afternoon and Night. A significant cool-down is also expected.



National Weather Service  
Phoenix Arizona

@NWSPhoenix | [Weather.gov/Phoenix](#)

**Follow Us:**   

**weather.gov/Phoenix**

**Weather Forecast Office  
Phoenix, AZ**

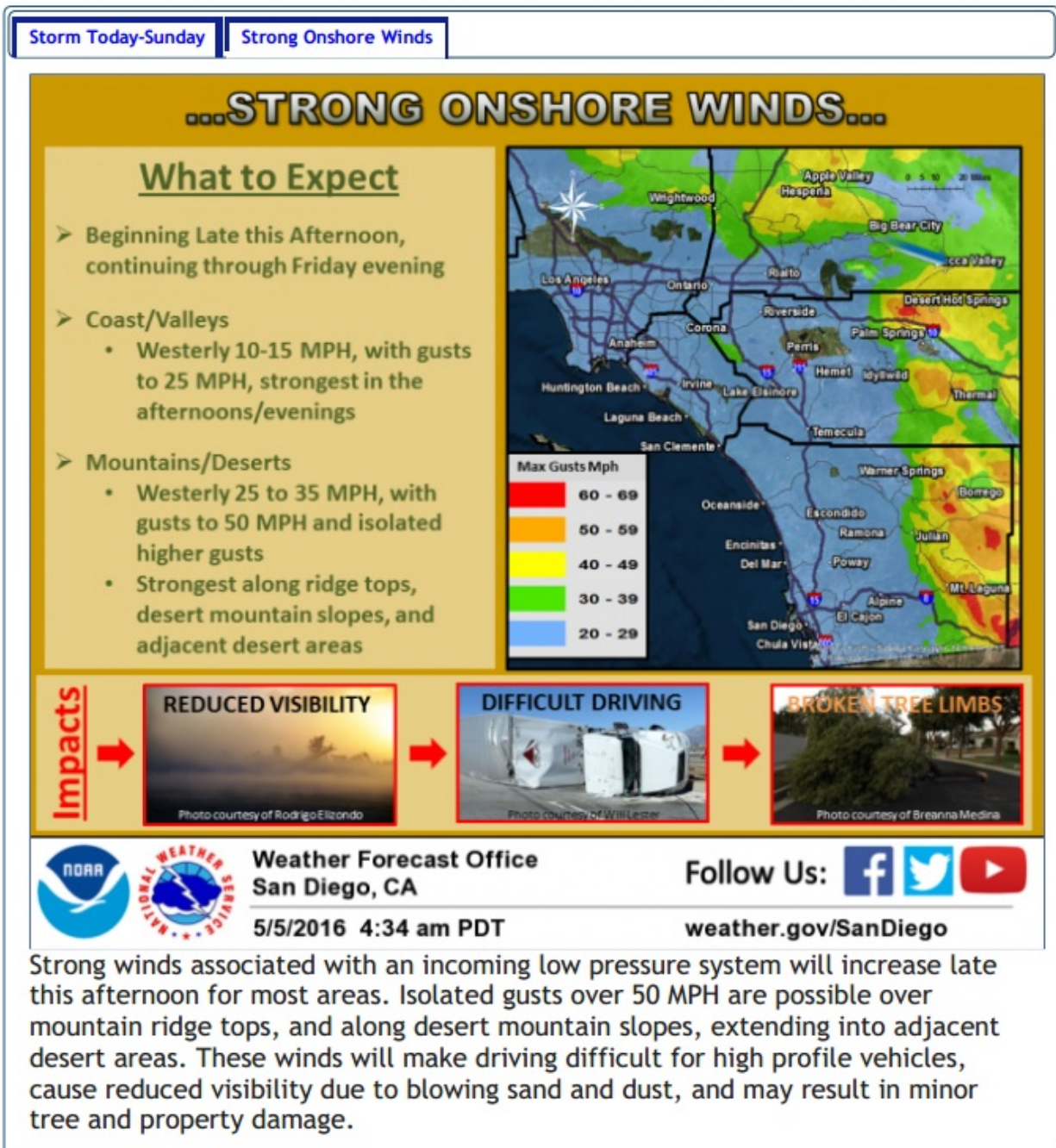
**5/5/2016 3:04 am MST**

A massive Pacific low pressure system off the central and southern California coast will partially move inland today. As a result...gusty afternoon south winds in the 20 to 40 mph range will develop over southwest and south central Arizona today...along with areas of blowing dust. The low pressure system will bodily move inland Friday...bringing a chance of showers and thunderstorms to a large part of southwest and south central Arizona Friday afternoon and Friday night. Much cooler temperature are forecast for Friday and the weekend.

77



**FIGURE A-11**  
**STRONG OFFSHORE WINDS SWEEP INLAND ACROSS DESERTS**



**Fig. A-11:** A Weather Story issued on May 5 forecasted that a low pressure system would bring high winds and gusts up to 50 mph along desert slopes in southeastern California. Source: NWS San Diego office.

**FIGURE A-12**  
**MASSIVE LOW PRESSURE SYSTEM MOVES INLAND**

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
531 AM MST THU MAY 5 2016  
TODAY AND TONIGHT...  
VERY INTERESTING WEATHER PATTERN WILL DEVELOP OVER THE REGION TODAY THROUGH THE WEEKEND. A MASSIVE PACIFIC LOW PRESSURE SYSTEM OFF THE CENTRAL AND SOUTHERN CA COAST WILL PARTIALLY MOVE INLAND TODAY. 500/300 HEIGHT FALL ORIENTATIONS THIS AFTERNOON SUGGEST A MODERATELY STRONG VERTICAL MOTION FIELD DEVELOPING OVER SOUTHEAST CA AND SOUTHERN NEVADA. LOW LEVEL WINDS WILL SUBSEQUENTLY RESPOND IN A BIG WAY...BECOMING SOUTH 25 TO 40 MPH WITH AREAS OF ATTENDANT BLOWING DUST. THE COMBINATION OF WIND...WARM TEMPS...AND DRY DESERT AND MOUNTAIN BIO-FUELS HAVE ALSO PROMPTED A RED FLAG WARNING FOR HIGH FIRE DANGER OVER A LARGE PART OF SOUTHWEST AND SOUTH CENTRAL ARIZONA. DESPITE THE DEVELOPING VERTICAL MOTION FIELD...WEATHER BALLOON DATA AND SATELLITE DERIVED PRECIPITABLE WATER FIELDS SHOW BONE DRY CONDITIONS OVER OUR FORECAST AREA TODAY. THEREFORE NO PRECIP CHANCES TODAY NOR TONIGHT.

**Fig. A-12:** The Phoenix NWS office forecasted that a “massive” low pressure system would bring gusty winds to southeastern California. Source: NWS San Diego.

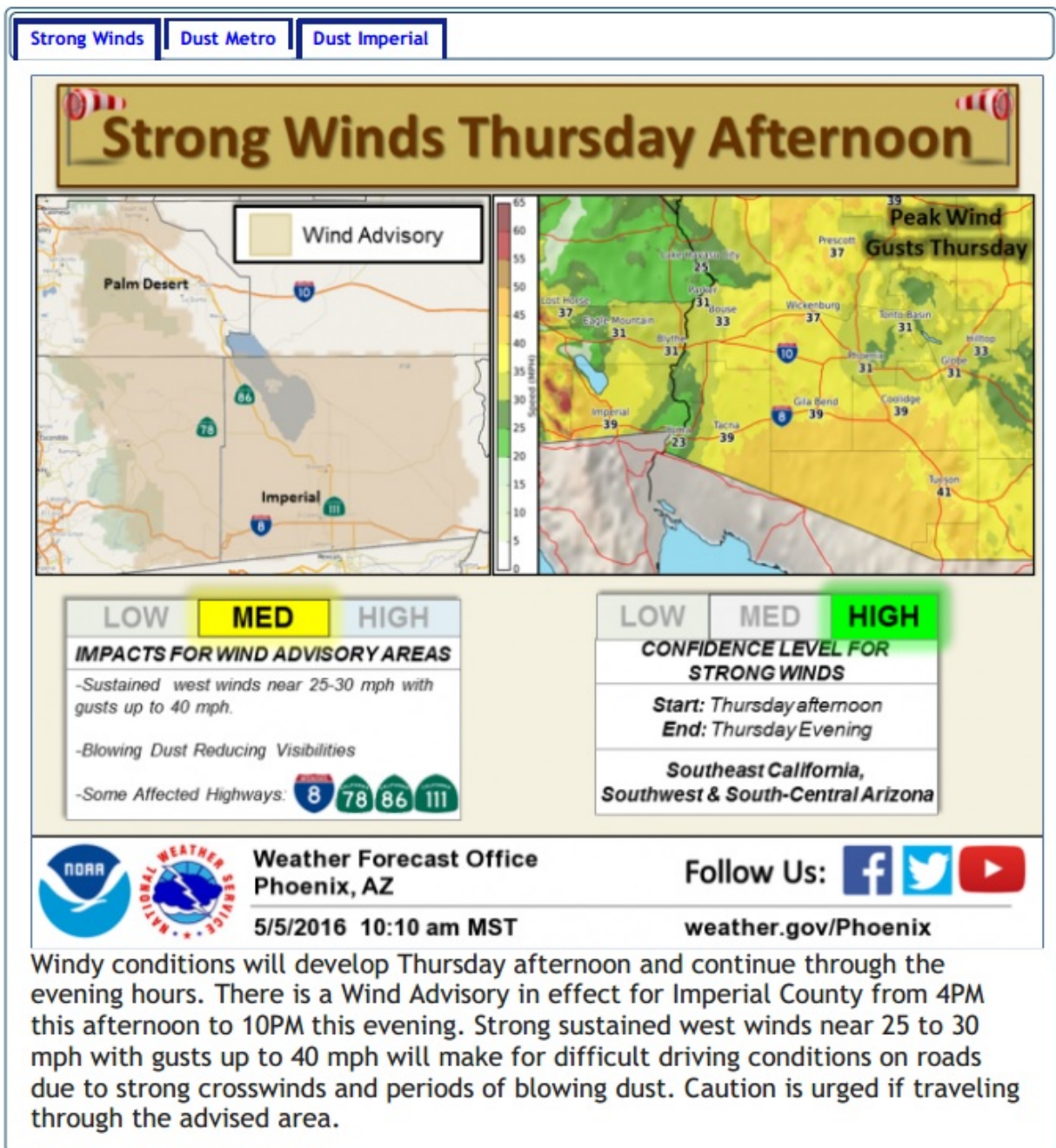
**FIGURE A-13**  
**BLOWING DUST ADVISORY IN EFFECT FOR IMPERIAL COUNTY**

CAZ033-052300-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...  
IMPERIAL...THE SALTON SEA  
909 AM PDT THU MAY 5 2016  
...BLOWING DUST ADVISORY IN EFFECT FROM 4 PM THIS AFTERNOON TO 9 PM  
PDT THIS EVENING...  
...WIND ADVISORY IN EFFECT FROM 4 PM THIS AFTERNOON TO 10 PM PDT THIS  
EVENING...  
.TODAY...PARTLY SUNNY AND WINDY. PATCHY BLOWING DUST. NOT AS WARM.  
HIGHS 81 TO 86. SOUTHWEST WIND 10 TO 15 MPH IN THE MORNING BECOMING  
WEST 20 TO 30 MPH IN THE AFTERNOON. GUSTS UP TO 40 MPH IN THE  
AFTERNOON.  
.TONIGHT...MOSTLY CLEAR IN THE EVENING...THEN BECOMING PARTLY CLOUDY.  
WINDY. AREAS OF BLOWING DUST IN THE EVENING. LOWS 54 TO 64. WEST WIND  
20 TO 30 MPH. GUSTS UP TO 45 MPH IN THE EVENING DECREASING TO 35 MPH  
AFTER MIDNIGHT.

**Fig. A-13:** At 9:09 a.m. on May 5 a Blowing Dust Advisory was issued for Imperial County due to winds reaching 30 mph and gusting up to 40 mph. Source: Iowa Environmental Mesonet;  
<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=ZFPPSR&e=201605051609>

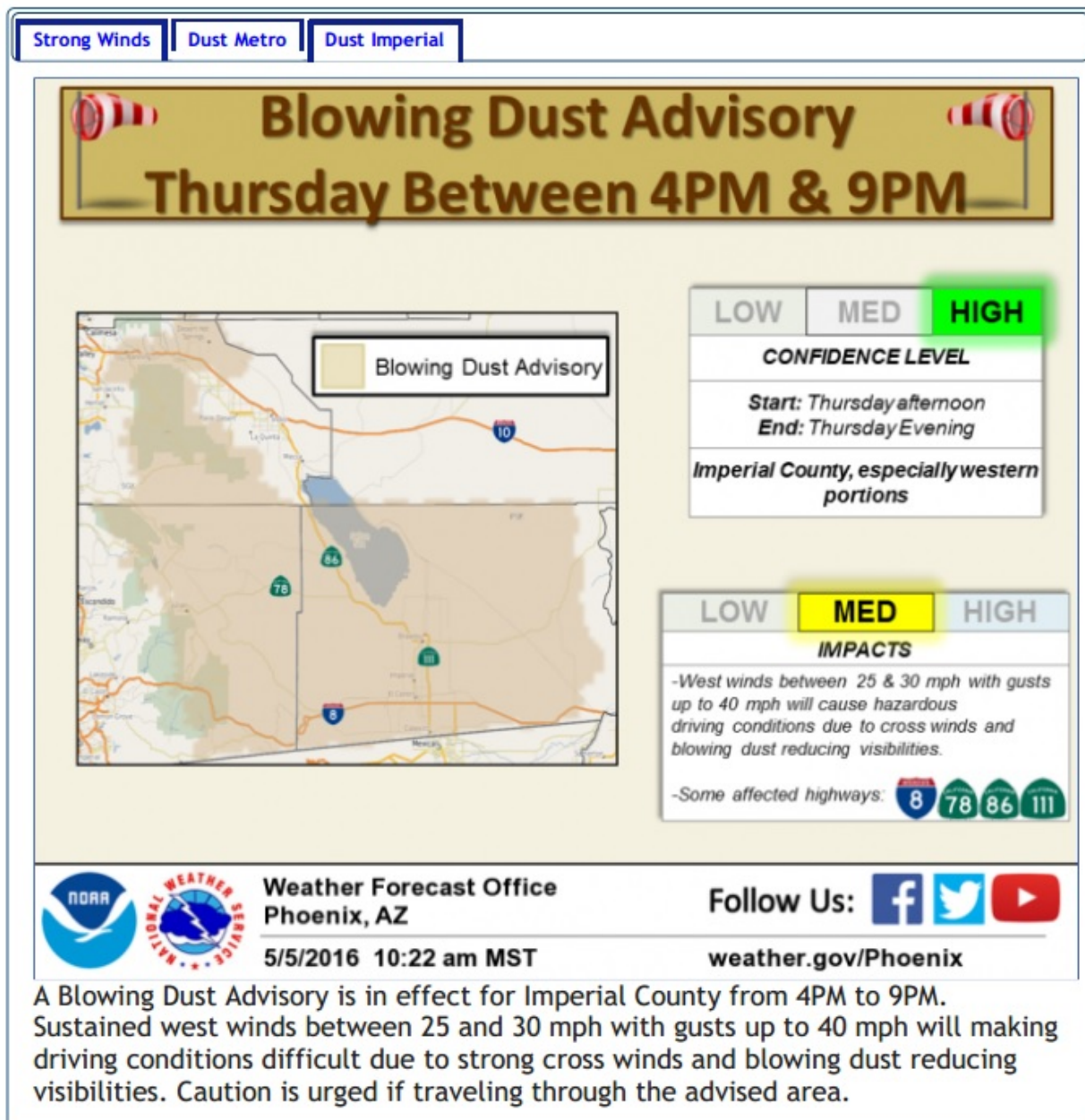


**FIGURE A-14**  
**STRONG OFFSHORE WINDS SWEEP INLAND ACROSS DESERTS**



**Fig. A-14:** A Weather Story issued on May 5 forecasted that a low pressure system would bring strong winds and blowing dust across a wide region from southeastern California to south central Arizona. Source: NWS Phoenix office.

**FIGURE A-15**  
**BLOWING DUST ADVISORY FOR A WIDE SWATH OF SOUTHEASTERN CALIFORNIA**



**Fig. A-15:** A Weather Story issued on May 5 covered almost all of southeastern California in a Blowing Dust Advisory. Source: NWS Phoenix office.

**FIGURE A-16**  
**BLOWING DUST ADVISORY IN EFFECT FOR IMPERIAL COUNTY**

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
215 PM MST THU MAY 5 2016  
.SYNOPSIS...  
A LARGE PACIFIC LOW PRESSURE SYSTEM WILL MOVE INTO THE DESERT  
SOUTHWEST THROUGH THE WEEKEND. THIS SYSTEM WILL BRING BREEZY WEATHER  
TO THE REGION THIS EVENING...FOLLOWED BY MUCH COOLER CONDITIONS AND  
A THREAT OF SHOWERS AND THUNDERSTORMS FRIDAY AND SATURDAY. THE LOW  
PRESSURE SYSTEM WILL BEGIN TO MOVE EAST SUNDAY...FOLLOWED BY DRY AND  
MUCH WARMER WEATHER NEXT WEEK.  
DISCUSSION...  
A LARGE NEGATIVE HEIGHT ANOMALY CENTERED NEAR 32N 124W THIS  
AFTERNOON CONTINUES TO CHURN SLOWLY TOWARDS THE SRN CALIFORNIA COAST  
WITH A LEADING STRONG MERIDIONAL JET LIFTING INTO SRN NEVADA. AN  
INITIAL LEAD WAVE ON THIS JET NOSE WAS QUICKLY PROGRESSING NORTH  
WITH AN ASSOCIATED SFC PREFRONTAL TROUGH LOSING DEFINITION AND  
UPSTREAM GRADIENT OVER THE LOWER COLORADO RIVER VALLEY.  
MEANWHILE...A LLJ ALONG THE H9-H7 THERMAL GRADIENT THROUGH SRN/CNTRL  
ARIZONA WAS STEADILY MIXING HIGHER MOMENTUM AIR TO THE SFC WITH  
GUSTS OVER 30 MPH AND THE FIRST VESTIGES OF LOFTED DUST ON AREA WEB  
CAMERAS.  
WHILE THE LLJ VELOCITIES WERE SLOWLY DECREASING PER OBJECTIVE  
ANALYSIS...A MORE PRONOUNCED LOW LEVEL FRONTAL BOUNDARY WILL PUSH  
THROUGH SERN CALIFORNIA LATER THIS AFTERNOON/EARLY EVENING  
EFFECTIVELY REINFORCING THE PRESSURE GRADIENT. THE STRONGEST  
SUNDOWNER WINDS THROUGH IMPERIAL COUNTY SHOULD STILL MATERIALIZE  
SUFFICIENTLY STRONG TO JUSTIFY BOTH THE WIND ADVISORY AND BLOWING  
DUST ADVISORY..

**Fig. A-17:** At 2:15 p.m. the Phoenix NWS office was forecasting the low pressure system to bring breezy weather to the region, along with a wind and blowing dust advisory.  
Source: Iowa Environmental Mesonet;  
<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=ZFPPSR&e=201605051609>.

**FIGURE A-18**  
**BLOWING DUST ADVISORY REMAINS IN EFFECT FOR IMPERIAL COUNTY**

**Blowing Dust Advisory**

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE PHOENIX AZ

258 PM MST THU MAY 5 2016

...**GUSTY WINDS WITH BLOWING DUST THIS AFTERNOON AND EVENING...**

CAZ033-060500-

/O.CON.KPSR.DU.Y.0008.160505T2300Z-160506T0400Z/

/O.CON.KPSR.WI.Y.0010.160505T2300Z-160506T0500Z/

**IMPERIAL COUNTY-**

INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...

GLAMIS...IMPERIAL...THE SALTON SEA

258 PM PDT THU MAY 5 2016

...**BLOWING DUST ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...**

...**WIND ADVISORY REMAINS IN EFFECT UNTIL 10 PM PDT THIS EVENING...**

\* AFFECTED AREA...IMPERIAL COUNTY...ESPECIALLY WESTERN PORTIONS.

\* TIMING...THIS AFTERNOON THROUGH THIS EVENING.

\* WINDS...**WEST WINDS 25 TO 30 MPH WITH GUSTS TO 40 MPH... HIGHER NEAR THE SAN DIEGO COUNTY BORDER.**

\* **VISIBILITY...LOCALLY FALLING TO AROUND 1 MILE IN BLOWING DUST.**

\* IMPACTS...HAZARDOUS DRIVING CONDITIONS DUE TO AREAS OF REDUCED VISIBILITY IN BLOWING DUST AND SAND. ALSO...MORE DIFFICULT VEHICLE HANDLING DUE TO STRONG CROSS-WINDS ON NORTH-SOUTH ROADS...ESPECIALLY FOR HIGH PROFILE VEHICLES. AFFECTED ROADWAYS INCLUDE INTERSTATE 8...HIGHWAY 78...HIGHWAY 86...AND HIGHWAY 111.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

IF YOU ENCOUNTER DENSE BLOWING DUST OR SAND...PULL OFF THE ROADWAY AS FAR AS POSSIBLE AND PARK. TURN OFF THE VEHICLE AND ALL LIGHTS...AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

**Fig. A-18:** At 14:58 on May 5 the Blowing Dust Advisory was still in effect for Imperial County. Visibility was expected to be less than one mile due to blowing dust. Source: NWS Phoenix office, Watches, Warnings & Advisories.

**FIGURE A-19**  
**WIND ADVISORY REMAINS IN EFFECT FOR IMPERIAL COUNTY**

**Wind Advisory**

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE PHOENIX AZ

258 PM MST THU MAY 5 2016

...**GUSTY WINDS WITH BLOWING DUST THIS AFTERNOON AND EVENING...**

CAZ033-060500-

/O.CON.KPSR.DU.Y.0008.160505T2300Z-160506T0400Z/

/O.CON.KPSR.WI.Y.0010.160505T2300Z-160506T0500Z/

**IMPERIAL COUNTY-**

**INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...**

**GLAMIS...IMPERIAL...THE SALTON SEA**

258 PM PDT THU MAY 5 2016

...**BLOWING DUST ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...**

...**WIND ADVISORY REMAINS IN EFFECT UNTIL 10 PM PDT THIS EVENING...**

\* **AFFECTED AREA...IMPERIAL COUNTY...ESPECIALLY WESTERN PORTIONS.**

\* TIMING...THIS AFTERNOON THROUGH THIS EVENING.

\* WINDS...**WEST WINDS 25 TO 30 MPH WITH GUSTS TO 40 MPH... HIGHER NEAR THE SAN DIEGO COUNTY BORDER.**

\* VISIBILITY...LOCALLY FALLING TO AROUND 1 MILE IN BLOWING DUST.

\* IMPACTS...HAZARDOUS DRIVING CONDITIONS DUE TO AREAS OF REDUCED VISIBILITY IN BLOWING DUST AND SAND. ALSO...MORE DIFFICULT VEHICLE HANDLING DUE TO STRONG CROSS-WINDS ON NORTH-SOUTH ROADS...ESPECIALLY FOR HIGH PROFILE VEHICLES. AFFECTED ROADWAYS INCLUDE INTERSTATE 8...HIGHWAY 78...HIGHWAY 86...AND HIGHWAY 111.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

IF YOU ENCOUNTER DENSE BLOWING DUST OR SAND...PULL OFF THE ROADWAY AS FAR AS POSSIBLE AND PARK. TURN OFF THE VEHICLE AND ALL LIGHTS...AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

**Fig. A-19:** At 14:58 on May 5 the Wind Advisory was still in effect for Imperial County. Visibility was expected to be less than one mile due to blowing dust. Source: NWS Phoenix office, Watches, Warnings & Advisories.



**FIGURE A-20**  
**BLOWING DUST IDENTIFIED OVER SOUTHEASTERN CALIFORNIA**

Thursday, May 5, 2016

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN  
 SATELLITE IMAGERY

THROUGH 0300Z May 6, 2016

**DUST:**

Southwestern US/Northwestern Mexico:

Gusty winds kicked up several patches of thin to locally thicker density blowing dust across the interior of far southern California, far northern Baja, northwestern Mexico, as well as western and north central Arizona. The thickest dust appeared to originate from source regions north of Flagstaff AZ and spread northward into southern Utah late in the day.

**Fig. A-20:** NOAA's Smoke Text Product (effective through 1900 LST May 5) identified blowing dust across portions of southern California. Source: <http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2016/2016E060342.html>.

**FIGURE A-21**  
**AIR QUALITY ALERT FOR WESTMORLAND**

**Imperial Valley Air Quality Alert**

**Westmorland - 570 Cook St**

**Friday, May 6 - 1:00 AM**  
 PM10 (24-hr average) AQI reached 137 - **Unhealthy for Sensitive Groups**

PM10 AQI 101-150 People with respiratory or heart disease, the elderly, and children are the groups most at risk, especially when they are physically active. There is an increased likelihood of respiratory symptoms in sensitive individuals, and aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly. U.S. EPA cautions that "people with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion." 'Prolonged' generally means four or more hours with short rest periods. 'Heavy exertion' is that which would increase the resting breathing rate four fold or greater. You can reduce exposure to particulate material by: - Reducing the intensity and duration of your outdoor activities - Postponing outdoor activities to days when particulate levels are lower

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**Current Maximum AQI for Other Imperial Valley Cities**

Brawley - 220 Main Street: **Unhealthy for Sensitive Groups** (PM10)  
 Calexico - Ethel Street: **Moderate** (PM2.5)  
 El Centro - 9th Street: **Moderate** (PM10)  
 Niland - English Road: **Unhealthy for Sensitive Groups** (PM10)

**Fig. A-21:** The dust that was stirred up was so voluminous that it caused an Air Quality Alert to be issued for Westmorland at 1 a.m. on **May 6**. Source: ICAPCD website.

**FIGURE A-22**  
**AIR QUALITY INDEX**

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

**Fig. A-22:** The AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health effects you may experience within a few hours or days after breathing polluted air. EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health. Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country. Source: <https://airnow.gov/index.cfm?action=aqibasics.aqi>.

**FIGURE A-23**  
**IMPERIAL COUNTY ISSUES NO BURN DAY**

Imperial County Air Pollution Control District  
Daily Weather and Ag. Burning Information

Date: Thursday May 5, 2016

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	68	SW 3	10
8 AM	74	W 5	10
9 AM	81	CALM	10
10 AM	87	W 3	10
11 AM	90	WSW 3	10
NOON	95	-	10
1 PM	96	ESE 8/G17	10
2 PM	98	ESE 12	10
3 PM	99	SE 15/G22	10
4 PM	100	SSE 17	10
5 PM	99	22/G29	10
6 PM	95	SE 18	10
7 PM	92	SE 16	10

Max. Temperature yesterday was 100 degrees

Today's Mt. Signal Visibility at 7:30 AM Clear NKX 12Z 500 MB Height \_\_\_\_\_  
1Y7 12Z 500 MB Height \_\_\_\_\_

**Forecasts**

**High Today** 83-88 Local Forecast (Issued 8 AM Local) Computer Forecast (RUC 40KM 12Z)

Est. Time Mixing Height reaches 3000 feet	_____	<b>10:00 am</b>
Forecast of Maximum Mixing Height	_____ feet	<b>10500</b> feet
Forecast for Morning surface winds	<b>W 10-15</b> mph	<b>W 10-15</b> mph
Forecast for afternoon surface winds	<b>W 20-30/G 40</b> mph	<b>W 20-30 G/40</b> mph
Forecast for evening surface winds	<b>W 20-30 G/45-35</b> mph	
Forecast 10 AM - 3 PM transport winds	<b>12-16</b> mph	

Comments/Complaints: Wind Advisory in effect 4-10.

Burn Hours \_\_\_\_\_ ARB No Burn Day \_\_\_\_\_ District called No Burn Day Yes

Total actually burned today \_\_\_\_\_ acres Crops burned \_\_\_\_\_

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int WB

**Fig. A-23:** A copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on May 5, 2016. Source: ICAPCD website.

**FIGURE A-24**  
**IMPERIAL COUNTY AFFIDAVIT OF 30 DAY PUBLIC NOTICE**

**AFFIDAVIT OF PUBLICATION**  
**(2015.5 C.C.P.)**

**STATE OF CALIFORNIA**

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk\* of the printer of the

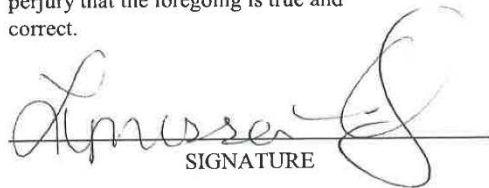
Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

01/10.

all in the year 2018

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

  
 SIGNATURE

Name of Account: I C AIR POLLUTION  
 CONTROL  
 Order Number: 11136200  
 Ad Number: 31356303

\* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date: 10 th day of January, 2018.  
 at El Centro, California.

This space is for the County Clerk's Filing Stamp:

**NOTICE OF AVAILABILITY  
 OF THE DEMONSTRATION OF THE OCCURRENCE  
 OF 13 EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared 13 Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a Federal Reference Method monitor (FRM) or with a continuous Federal Equivalent Method monitor (FEM) represent the 13 Draft EE's.

2014	2016	2016
April 12-13 Niland Brawley	March 6 Brawley Westmorland	April 22 Westmorland Brawley
FEM 167.5 ug/m <sup>3</sup> FEM 166.8 ug/m <sup>3</sup>	FEM 237 ug/m <sup>3</sup> FEM 220 ug/m <sup>3</sup>	FEM 192 ug/m <sup>3</sup> FEM 242 ug/m <sup>3</sup>
April 25-26 Brawley Brawley	March 11 Brawley Westmorland	April 24-25 Brawley Brawley Westmorland Brawley Calexico Niland Westmorland
FEM 183.4 ug/m <sup>3</sup> FEM 313.3 ug/m <sup>3</sup>	FEM 178 ug/m <sup>3</sup> FEM 179 ug/m <sup>3</sup>	FEM 186 ug/m <sup>3</sup> FEM 218 ug/m <sup>3</sup> FEM 177 ug/m <sup>3</sup> FEM 285 ug/m <sup>3</sup> FEM 173 ug/m <sup>3</sup> FEM 225 ug/m <sup>3</sup> FEM 244 ug/m <sup>3</sup>
May 5-6 Brawley Brawley Westmorland Brawley	March 28 Brawley El Centro Niland Westmorland	May 5 Brawley Niland Westmorland
FRM 269 ug/m <sup>3</sup> FEM 222.5 ug/m <sup>3</sup> FEM 373 ug/m <sup>3</sup> FEM 439.3 ug/m <sup>3</sup>	FEM 334 ug/m <sup>3</sup> FEM 385 ug/m <sup>3</sup> FEM 334 ug/m <sup>3</sup> FEM 465 ug/m <sup>3</sup>	FEM 163 ug/m <sup>3</sup> FEM 172 ug/m <sup>3</sup> FEM 227 ug/m <sup>3</sup>
May 11 Niland	April 14 Niland Westmorland Brawley	May 15 Niland
FEM 172.8 ug/m <sup>3</sup>	FEM 172.8 ug/m <sup>3</sup> FEM 163 ug/m <sup>3</sup> FEM 228 ug/m <sup>3</sup>	FEM 216 ug/m <sup>3</sup>
June 30 Niland		
FEM 183.7 ug/m <sup>3</sup>		

The public and all interested parties are encouraged to review and comment on the 13 Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2014, 2015 and 2016 Air District air monitors were affected by entrained elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10). Winds, associated with a weather event entrained PM10 into the region affecting Riverside, Imperial and San Diego counties. The 13 Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is February 12, 2018 by close of business.

The 13 Draft EE's for days listed above are available for download at the Air District website: [www.co.imperial.ca.us](http://www.co.imperial.ca.us), under "Air Pollution". To view a hard copy of any of the 13 Draft EE's, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

L673 J10

**Fig A-24:** Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for May 5, 2016. The date for closing comments was February 12, 2018

**FIGURE A-22**  
**IMPERIAL COUNTY COMMENTS**  
**REGARDING THE MAY 5, 2016 EE DEMONSTRATIONS**

The ICAPCD received no comment